

Appl. No. 10/019,662  
Amdt. dated August 4, 2003  
Reply to Office action of April 4, 2003

Amendments to the Specification:

1.) First, replace the specification of record with the accompanying substitute specification with numbered paragraphs under 37 C.F.R. § 1.125(b)(2). No new matter has been added. Note that merely numbering the paragraphs of the specification of record is not considered a change that must be shown under the provisions of 37 C.F.R. § 1.125(b)(2).

2.) Then, replace paragraphs [0005], [0030], and [0059] of the accompanying substitute specification with replacement paragraphs [0005], [0030], and [0059], under the provisions of 37 C.F.R. § 1.121(b)(1).

**[0005]** A classical example of this problem is described in the article of C.R. Hursh in 1935 in the brochure: "Local Climate of Cooper Basin of Tennessee as Modified by Removal of Vegetation", USDA, number 774. There, it is described what happened in Copperhill, Tennessee, where the products of metallic sulfur minerals toasting have altered the woods in an area of almost 220 km<sup>2</sup>. The woods have disappeared almost completely, although some zones with grass in a girdle covering approximately 7000 hectares still exist, thus leaving a remaining area of 28000 hectares completely without vegetation.

**[0030]** From the above it can be observed that it is possible to use some apparatus in a combined form and which combination results in a decrease of various types of pollutants present in a gas stream. Therefore, it is possible to use in the same method filters, pre-filters, washing techniques, precipitation, reaction, etc.

**[0059]** In an additional embodiment, the gas supply module includes control means to adjust the volumetric flow of gases to an adequate value for the treatment of thereof.